Research on Vedic Mathematics Methodn and Elementary Vedic Mathematics Methods

2249. SHRI SHANKER SINH VAGHELA: Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether the Ahmedabad workshop ol Rashtriya Ved Vidya Pratishthan has recommended that the Vedic Mathematics Methods are convincingly simple and this has been found true of the 'Elementary Vedic Mathematics Methods' mainly used in the Arithmatical exercises of the pre-primary, primary and middle classes, if so, whether these methods are proposed to be made available to students of lower classes additionally and optionally; and

(b) whether it has also been found that the application of Vedic Mathematics at higher levels of Mathematics, requires research; if so, whether the University Grants Commission/Universities/RashtriyaVed Vidya Pratishthan propose to encourage such research projects, indentify-ing the specific aspects?

THE MINISTER OF STATE IN THE DEPARTMENTS OF EDUCATION AND CULTURE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI L. P. SHAHI): (a) The Ahmedabad Workshop of Rashtriya Veda Vidya Pratishthan found that the Vedic Mathematics Methods are convincingly simple; nnd that in classes above III theie are some difficulties which remain to be resolved. The desirability of making these methods available to students of lower classes "Additionally and Optionally" can be considered only after mathematicians have arrived at clear conclusions in this regard.

(b) The workshop has found that Research and studies on the foundation of Sutras is needed so that proper mathematical footing is given to them. Only after this is done the University Grants Commission, Universities and the Rashtriya Ved Vidya Pratishthan can consider taking up research projects on specific aspects.

Balance Sheets of Indias Institute of Management, Bangalore

2250. SHRI ASHWANI KUMAR; Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether it is a fact that Indian Institute of Management (IIM), Bangalore had prepared 3 sets of balance sheets for 1985-86 and 2 sets of balance sheets for 1986-87 and all these balance sheets were approved by the Board of Governor$_s$ of the Institute, which includes a representative of the Ministry; and

(b) if so, what are the reasons for preparing more than one sets of balance sheets and to what extent these balance sheets in the same head of expenditure are unrealistic?

THE MINISTER OF STATE IN THE DEPARTMENTS OF EDUCATION AND CULTURE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI L. P. SHAHI): (a) and (b) Under the existing arrangement, which is applicable to all autonomous bodies funded by the Department of Education, the Annual Accounts of the Indian Institute of Management, Bangalore, (which include the balance sheet of the Institute) as drawn up by the office of the institute, are provisionally approved by the Board of Governors for presentation to the auditors appointed by the Central Government under Rule 18, of the rules of Society. After completion of the audft, some of the figures in the balance-sheet undergo a revision in the light of the audit observations. The balance sheet so revised is then certified by audit and formally adopted by the Board of Governors to be presented to the Society and the Central Government for submission to Parliament.

So far as the balance-sheets a$_s$ on the 31st March. 1986, and 31st March, 1987; are concerned, there was only one final